### TILE NOTATIONS

Intered in NID File	Checked by Chief	
Location Map Pinned	Approval Letter 8-19-10	
Card Indexed	Disapproval Letter	

## COMPLETION DATA:

Date Well Completed ..... Location Inspected .....

OW..... WW..... TA.... Bond released

GW..... OS.... PA.... State or Fee Land .....

# LOGS FILED

Driller's Log.....

Electric Logs (No.) ....

E..... I..... Dual I Lat..... GR-N.... Micro.....

BHC Sonic GR..... Lat..... Mi-L..... Sonic

CBLog...... CCLog..... Others......

Guse Mo. 143-10 4-13-71 Aluggeng program by Pw. B.

SUBMIT	TERL	CATE.
(Other re	for ves (de)	s on

Form approved.

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  BY THE WARM DRILL A DEEPEN DEEPEN OR PLUG BACK  TO THE WARM TO THE WARM TO THE WARM MODEL OF THE WARM MODEL O	(May 1963)				(Other It	tons en	Budget Burenu No. 42-R1425.
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APPLICATION FOR PERMIT TO DRILL DEFERN ON PLUG BACK  1. TYPE OF WELL  1. T		G	EOLOGICAL SUR'	VEY	والمراجعة		
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State Works in Johnson Attn: A. J. McCredie    Mobil 0il Corporation, Attn: A. J. McCredie   Mobil 0il Corporation, Attn: A. J. McCredie   Mobil 0il Corporation, Attn: A. J. McCredie   Mobil 0il Corporation, Attn: A. J. McCredie   Mobil 0il Corporation, Attn: A. J. McCredie   Mobil 0il 0il Corporation, Attn: A. J. McCredie   Mobil 0il 0il Corporation, Mobil 0il 0il 0il 0il 0il 0il 0il 0il 0il 0		DRILL (A)	DEEPEN	LJ	PLUG BA	LK 📋	
Note of oreserved  Mobil oil Corporation, Attn: A. J. McCredie  Mobil oil Corporation, Attn: A. J. McCredie  Mobil oil Corporation of Miles of Mile		GAS C	II ED	81	INGLE MULTIP	re []	8. FARM OR LEASE NAME
F42-306   TO Find Out Off Control City, Oklahoma 73101   F42-306   TO Find Notes   P. O. Box 1934, Oklahoma City, Oklahoma 73101   TO Find Notes   To Find N			116.14		JAR Land DOWN		Government-Vernal
P. O. Box 1934, Oklahoma City, Oklahoma 73101  ***Color of Wall, (Unport Docation clearly and is accordance with any State requirements.)  **A color of Wall (Unport Docation clearly and is accordance with any State requirements.)  **A color of Wall (Unport Docation clearly and is accordance with any State requirements.)  **A color of Wall (Unport Docation Clearly and is accordance with any State requirements.)  **A color of Wall (Unport Docation Clearly Mark (Unport Docation Clearl	Mobil Oil	Corporation,	Attn: A. J. M	lcCred	ie		1
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FROPERTY OR LEASE LINE, FT. (R. (F. ad.)) 660  RANDO TO SHORT SHORT CAPTURE TO MARKET WILL, DESIGNATION CONSIDERED, NA 8300' ROTATY ROTATY  RANDO TO SHORT SHARE, SHARE, FT. SR. etc.)  RAPTHOUSE, ON THIS ISLAND, CONSIDERED, NA 8300' ROTATY  ROTATY  RECORDING (Show whether DE, RT. GR. etc.)  RESERVE OF ROTE ROTATY  ROTOSED CASING AND CEMENTING PROGRAM  RISE OF HOLE  RISE OF CASING  ROTATY OF CEMENT  CITCULAte to Surface  ROJO' Circulate to Surface  ROJO' Circulate to Surface  ROJO' SIMPLED, FORMATION TOPS: Duchesne River - Surface, Uintah - 800', Green River - 4150', assetch - 7830'. MUS PROGRAM: U-900' - water; 900-6000' - Low solids gel-water Drillaid and Drillaid 405, WT. 8,7-9.0%, Visc. 30-40, WL. NC, 6000-8200' - as before with chemical for water loss control and dispersant, Wt. 9,0-9.6%, Visc. 35-45, W. 5 cc. Nobil's contract with drilling contractor will require the use of both blank and drill pipe rams, the testing of these blow out preventer items before drilling out from under surface pipe and the daily testing and checking of these items LOG PROGRAM. Camma Ray-Sonic calliper, Induction-Lateralog, Fracture Finder Log and Velocity Survey.  RADDY SHARD WELL DEFORMATION TO depen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout verselver programs, if any.  RADDY SHARD THE ROLL DEPTH ANY:  REGulatory Engrg. Supvr. NATE 3-14-70  THE PROPOSED PROGRAM. If PROPOSED PROGRAM. If proposal is to deepen or plus back, give data on present productive some and proposed new productive control and dispersant of these items LOG PROGRAM. Supvr. NATE 3-14-70  REPROVED BY THE REGULAR PROPOSED PROGRAM. If proposal is to deepen or plus back, give data on present productive some and proposed new productive so	LOCATION TO NEA	REST	•	16. NO	O. OF ACRES IN LEASE	17. NO. 0	OF ACRES ASSIGNED HIS WELL
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SIGNED CG. To State office use)  PERMIT NO. 13 641-3078  APPROVED BY CONDITIONS OF APPROVAL, IF ANY:  USGS - Salt Lake						¥.	
(This space for Federal or State office use)  PERMIT NO. 13 C41 - 30388  APPROVAL DATE  APPROVAL BY CONDITIONS OF APPROVAL, IF ANY:  USGS - Salt Lake	one. If proposal is reventer program, i	to drill or deepen di	rectionally, give pertine	nt data o	on subsurface locations at	id measure	d and true vertical depths. Give blowcut
APPROVAL DATE  APPROVAL DATE  CONDITIONS OF APPROVAL, IF ANY:  USGS - Salt Lake	1	almed	1. Stuller	TTLE			DATE
APPROVED BY	(This space for	Federal or State office	use)			•	
conditions of approval, if any: :: USGS - Salt Lake	PERMIT NO	2.047-200	08	<del></del>	APPROVAL DATE		
conditions of approval, if any: :: USGS - Salt Lake							7 APP
:: USGS - Salt Lake		PROVAL, IF ANY:	Т	TLE		r 3	DATE TO THE PARTY OF THE PARTY
:: Utah O&GCC	:: USGS - S	alt Lake	*				

0 + 2 cc: Utah O&GCC 2 cc:

M. E. Mendenhall 1 cc:

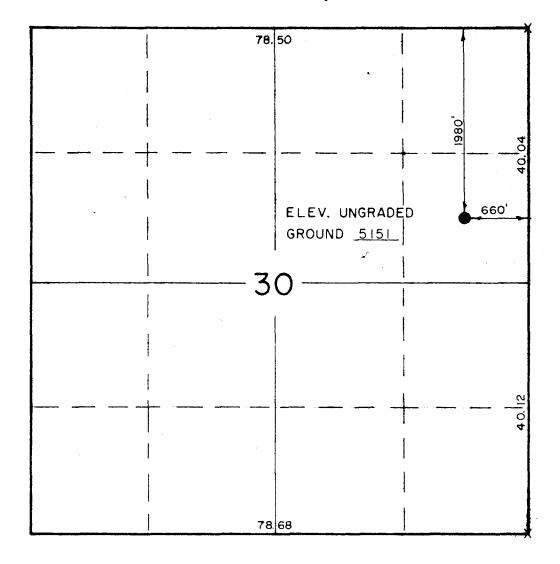
l cc: P. K. Langenberg l cc: H. G. Brelsford l cc: E. S. Walseth

\*See Instructions On Reverse Side

1 cc: A. J. McCredie 1 cc: Well File

# PROJECT

# T6S, R2OE, SLB&M



X = CORNERS LOCATED (STONE)

### MOBIL OIL COMPANY

WELL LOCATION, LOCATED AS SHOWN IN THE SE NE SECTION 30, T6S, R20E, SLB&M, UINTAH COUNTY, UTAH.

### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FHO F.ELD NOTES OF ACTUAL SURVEYS MADE BY ME ON UNDER

RESISTRATION Nº 2454

STATE OF STAH

UINTAH ENGINEERING & LAND SURVEYING P O. BOX Q - 110 EAST - FIRST SOUTH VERNAL, UTAH - 84078

1	
SCALE	DATE
l" = 1000'	6 Aug. 1970 ·
PARTY	REFERENCES
L.D.T K. M Ř. K.	GLO Township Plat
WEATHER	FOLE
Fair	MOBIL

August 19, 1970

Mobil Oil Corporation Attn: A.J. McCredie Box 1934 Oklahoma City, Oklahoma 73101

> Re: Government Vernal F42-30G Sec. 30, T. 6 S, R. 20 E, Uintah County, Utah API No. 43-047-3088

Dear Sir:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL-Chief Betroleum Engineer HOME: 277-2890

CLEON B. FEIGHT-Director HOME: 466-4455 OFFICE: 328-5771

This approval terminates within 90 days if the well has not been spudded-in within said period.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to completing these forms will be greatly appreciated.

Very truly yours,

DIVISION OF OIL 8 GAS CONSERVATION

CLEON B. FEIGHT DIRECTOR

CBF:sd cc: U.S. Geological Survey

Utah

# TED STATES UNITED STATES SUBMIT IN TRIBETOR (Other instruction verse side)

5. LEASE DESIGNATION AND SERIAL NO.

Uintah

	1963)	
0_		

16.

GEOLOGICAL SURVEY	U-0125576
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL GAS WELL OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Mobil Ofl Corporation	8. FARM OR LEASE NAME Govt-Vernal
P. O. Box 1934, Oklahoma City, Oklahoma 73101	9. WELL NO. 42-30-G
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)  At surface 1980' South of North Line & 650' West of EAst Line	10. FIELD AND POOL, OR WILDCAT
Section 30-6S-20E Uintah County, Utah	11. SEC., T., R., M., OR BLK. AND C SESURE OR AREA Section 30-65-20E
14. PERMIT NO.   15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE

SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: REPAIRING WELL PULL OR ALTER CASING WATER SHUT-OFF TEST WATER SHUT-OFF PRACTURE TREATMENT MULTIPLE COMPLETE

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

FRACTURE TREAT SHOOTING OR ACIDIZING ABANDON\* SHOOT OR ACIDIZE (Other) Weekly Report(8-20 to 9-24-70 CHANGE PLANS REPAIR WELL (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) (Other)

GR. 5151

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

SEE ATTACHED SHEET

18. I hereby certain the foresting in Burd correct			
PAUL K. LANGENBERG Paul K. Langenberg	TITLE	Office Group Supervisor	DATE 9-29-70
(This space for Federal or State office use)			
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE

Rodney A. Smith USGS Salt Lake City, Utah

1cc: 0&GCC Salt Lake City, Utah

E. S. Walseth \*See Instructions on Reverse Side

File

GOV'T. VERNAL #F42-30 SE NE 30-6N-20E	8-20	Location comple
Uintah Co., Utah	8-21	Location completed.
Mobil 100%	<del></del> 8-24	MI&RURT.
	8-25	RURT.
	8-26	RURT.
	8-27	RURT. Will break tour Friday.
	8-28	RURT. Will spud this AM.
·	8-31	765' Drlg in sh. 3/4 <sup>0</sup> @ 690'. Mud 9.6#, Visc. 33.
	9-1	900' WOC 9-5/8" @ 899' w/300 sx Class G + 2% gel + 2% CaCl2 + 150 sx Class G + 2% CaCl2. Circ. cmt. PD @ 6 PM, 8/31/70.
	9-2	960' Drlg in sh. 3/4 <sup>0</sup> @ 870'. Native mud. Tested BOP's & csg to 2100#.
	9-3	2166' Drlg in sd & sh. 1 <sup>0</sup> @ 2023'. Native mud.
	9-4	2,936' Making a trip in Sd & Sh. 3/4° @ 2,838'. Native mud.
	9-8	4286' Circulating Prep to DST #1 in Green River & sd. 10 @ 4229'. Mud 9#, Visc. 39. Drlg break & show 4275-83'.
•	9-9	
	9-10	TD 4283'. Prep to open DST #1. Mud Wt. 9.3#, Visc. 61. 4420' drlg in sd & sh. 140 @ 4403'. Mud 9.2#, Visc. 47, PM 40 000", PM 40 000"
		4260-4283' open 5", SI 60", open 90", SI 180", fair blow inc thruship took
		ft. gas, 1900 C.C. H <sub>2</sub> O, 0 1450 14,000 PPM, Res81 0 82. IF 46-93 psi, FF 110-324 psi, ISI 1703 psi FSI 1339 psi
·	9-11	FH 2092 psi.  4640' Drlg in sh. 1/20 @ 4495'. Mud 9.3#, Visc. 61, BW 40,000#.
	9-14	5248' Drlg in sd & sh. 2-1/2 <sup>0</sup> @ 5248'. Mud 9#, Visc. 39. BW 45M#, RPM 48.
	9-15	5468' Drlg in sd & silt. 1-1/4 <sup>0</sup> @ 5462'. Mud 9.1#, Visc. 43, BW 48M#, RPM 48 N.
	9-16	5616' Drlg in sd & sh. 1-1/2° @ 5576'. Mud 9.1#, Visc. 47, BW 45M#, RPM 45 N.
	9-17	5874' Drlg in silt. 10 @ 5671'. Mud 9.1#, Visc. 46, BW 48M#, Rotary 46.
	9-18	6034' Drlg in sd. 2 <sup>o</sup> @ 5991'. Mud 9.1#, Visc. 46, BW 45M#, Rotary 48N.
	9-21	6604' drlg in sd, silt & shale. 2° @ 6481'. Mud 9.1#, Visc. 40, BW 45M#, Rotary 48N.
	9-22	6920' Drlg in sh. 1-3/4 <sup>0</sup> @ 6907'. Mud 9.1#, Visc. 41.
	9-23	7080' Drlg in sh. 1-3/4 <sup>0</sup> @ 6980'. Mud 9.1#, Visc. 38.
	9-24	7326' Drlg in sd & sh. 1-3/4 <sup>0</sup> @ 7178'. Mud 9.1#, Visc. 38.

GOV'T. VERNAL #F42-30G 11,000' Wasatch SE NE 30-6S-20E	11-3	9736' Drlg in sh. 6° @ 9700'. Mud 9#, Visc. 41, WL 7.8.
Uintah Co., Utah Mobil 100% Pioneer Drlg. Co.	11-4	9763' Drlg in sh. Made trip. 6-3/4 <sup>0</sup> @ 9740'. Checked DC's, all OK. 10-3/4 hrs drlg. BW 16,000#. Diamond bit #3/317'/104.
9-5/8" @ 899' 7" @ 8999' Spudded: 8/28/70 (67)	11-5	9853' Drlg in sd & sh. 90'/24 hrs. Mud 9#, Visc. 39, WL 7.2.
Spudded: O/LO/10 (017	11-6	9923' Drlg in sh. Mud 9#, Visc. 44, WL 6.6.
٠.	11-9	10,053' Drlg in sd & sh. BW 16,000#. Mud 9#, Visc. 40, 11-1/4° @ 9970'.
	11-10	10,128' Drlg in sd & sh. 9-3/4 <sup>0</sup> @ 10,060'. Mud 9.1#, Visc. 44, BW 25,000#, RPM 62.
	11-11	10,215' Prep to DST #7. 8-1/4° @ 10,200'. Mud 9.1#, Visc. 42. DST #7 will be from
	11-12	10,136-10,215'.  10,248' Drlg in sd & sh. Mud 9.1#, Visc.  42. DST #7 10,136-10,215' tool open 10", weak blow increasing to strong in 1". SI 1 hr 3".  Open 1 hr. Strong blow decreasing to weak
		blow after 1 hr. No gas. Unseated pkr. Recd 135' oil cut mud, 40% oil. IH 4832#, ISIP 1836#, IFP 54#, FFP 75#, FSIP 923#. No gas to surface.
	11-13	10,305' Drlg in sh & sd. Mud 9.1#, Visc. 41, show on logging unit 10,256-10,258'.
	11-16	11-14 - 10,352' while drlg @ 10,332' had indications of fracturing. On returns to
	Y	surface had 4 B free oil over shaker, 2200 units of gas on logging unit. Inc mud wt from
<u>.</u>	No drag on pkr held for Now pulling DST #9 10,2	9.1 to 9.9#. Started out of hole for DST #8 rag. Decided to run rock bit to cond hole. ,380' Made 28' of hole. Made 2 short trips. 2nd short trip. Pulled out for DST. Ran pkr, or 3" then did not hold. No cavings in hole. g test tool. 11-16 - 10,392' Tripping for 243-10,392'. Mud Wt. 9.9#, Visc. 65, BW
<del></del>	11-17	10,417' Drlg in sh. BW 24,000#, RPM 60, Mud
· · · · · · · · · · · · · · · · · · ·	. !	Wt. 9.7#, Visc. 51. DST #9 10,243-10,392'. Open tool 10", good blow after 5". SI 1 hr 9", open tool 1 hr. Good blow imm. Gas to surface 24". GV 24.3 MCFD mx, decreasing to
		final 11.3 MCF. SI 1 hr 30". Unseated pkr. Pulled out & recd 2100' oil & H20, 680' wtr, 620' oil (4-4/10 B) & 800' normal drlg mud HP 5319 psi, IF 694-707 psi, ISIP 4625 psi,
	out btm hol	psi, FSIP 4690 psi, FHP 5254 psi. Rec'd e sampler 1000 cc oil, 3.2 Cu. ft. gas. GOR
	11-18	/Bbl. Gr. 35.8 @ 1080 F.  10,514' Drlg in sd & sh. Mud 9.4#, Visc. 51,  BW 24 000# PS 60 Ppla w/diamond bit
,	11-19	BW 24,000#, RS 60. Drlg w/diamond bit. 10,614' Drlg in sh & sd. (100'/24 hrs.) Mud 9.4# Visc 54 WL 6.8 PW 24,000# PRU 69
	11-20	9.4#, Visc. 54, WL 6.8, BW 24,000#, RPM 60. 10,704' Drlg in silt & sh. Mud 9.4#, Visc. 55, WL 7.2, BW 2400#, Rotary 60.

30-65-30E Sov. Usural
AFF3-30G

Chilling at 8969'

an attempt was made to drill to 9000'

ran 7" casing to 9000'

Plan to continue drilling about 2000'

ran 4 good Dat's with good sand development

with oil shows

5th Dat - packer leaked

# DEPARTMENT OF THE INTERIOR (Other instruction of the interior of the interior)

Form approved. Budget Bureau No.

GEOLOGICAL	SURVEY

CHANGE PLANS

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT" for such proposals.) 1. 7. UNIT AGREEMENT NAME GAS WELL WELL WELL

2. NAME OF OPERATOR OTHER 8. FARM OR LEASE NAME Sov't Vernal Mobil Oil Corporation 2-30-6 10. FIELD AND POOL, OR WILDCAT P. O. Box 1934. Oklahoma City. Oklahoma 73101

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*
See also space 17 below.)

At surface 1980' South of North Line & 660' West of EAst Line ildeat ii. Sec., T., R., M., OR BLK. AND SURVEY OR AREA Section 30-6S-20E Uintah County Utah SE NE 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 14. PERMIT NO. GR. 5151' Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data 16. NOTICE OF INTENTION TO: REPAIRING WELL PULL OR ALTER CASING WATER SHUT-OFF TEST WATER SHUT-OFF ALTERING CASING FRACTURE TREATMENT FRACTURE TREAT MULTIPLE COMPLETE SHOOTING OR ACIDIZING ABANDON\* SHOOT OR ACIDIZE

(Othe Neek ly Report (9-25 to 10-12-7) (Note: Report results of multiple completion on Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

SEE ATTACHED SHEET

REPAIR WELL

(Other)

18. I hereby composition the composition of the com	and correct	
SIGNED PAUL K. LANGENBER	G TITLE Office Group Supervi	DATE 10-27-70
(This s <b>mail</b> r Kade <b>Langenberg</b> use)		
APPROVED BY	TITLE	DATE

Rodney A. Smith USGS Salt Lake City, Utah

O&GCC Salt Lake City

E. S. Walseth

\*See Instructions on Reverse Side

File

9-25

9-28

10-12

7447' GIH for DS: #2. Green River @ 7220'.

7982' Drlg. DST #2 7220-7447'. Tool open 6:16 AM 9/25/70 for 10". Had weak blow increasing to fair in 7". SI 6:26 AM to 7:26. Tool open 7:26-8:56 AM. Had strong blow steadily decreasing to weak at end of test. No gas to surface. SI 8:56-11:56.

Rec'd 30' of thick frothy lt brown oil & 445' of drlg. mud. Sample chamber contained 3/10 cu. ft. gas, 210 cc oil & 1800 cc's mud. Mud resistivity 2.6 @ 72°. Filtrate resistivity 3.1 @ 72°. Sample mud & pit mud. 400 salts. Oil gravity 38° API @ 126° F uncorrected. Pressures: IHP 3419, IFP 50-96, ISIP 2184 building. FFP 115-181. FSIP 2206#. Building. FHP 3400#.

9-29 8102' Drlg in sd & sh. BW 45,000#. Mud 9.1#, Visc. 54.

9-30 8164' Prep to DST #3. Will set pkr @ 8000'. 62' in sd & sh. BW 45,000#.

10-1
8205' Drlg in sh. DST #3 1980-8164'. Tool open 10". Slt blow. SI 1 hr 5". Opened 1½ hrs. Moderate blow decreasing to weak blow. SI 1 hr 9". Rec'd 470' of fluid, 90' GCM, 380' of oil & gas cut mud, 20%-30% oil. Sample chamber 400 cc mud, 1800 cc gas cut oil. IH 3859#, IFP 106-113#, FFP 143-209#, FSIP 667#.

10-2 8244' Circulating out trip gas. 1-3/4° @ 8244'. BW 48,000#.

10-5

8408' Drlg in Quartzitic sd. 1-3/4° @ 8345'.

Mud 9.2#, Visc. 55. Correction DST #3

should be from 7980-8164'. DST #4 8175-8363'.

Tool open 15". Had fair blow increasing in

4". SI 1 hr 4". Open for 1 hr 31" moderate

blow. No gas to surface. SI for 1 hr. Recd

475' of slightly oil & gas cut mud. IH 4000#,

IFP 101# decreasing to 172#, ISIP 930#, FFF

162-247#, FSIP 490#. Sample chamber 1.2 ft<sup>3</sup>

gas, 900 cc oil, 38° API gravity, 800 cc of

mud.

10-6 8474' Making a trip in sd & silt. Mud 9.2#, Visc. 52, WL 5.2, 1-3/40 @ 8345'.

10-7 8516' Drlg in sh. 1<sup>0</sup> @ 8507'. Mud 9.2#, Visc. 48, WL 6.

10-8 8575' Drlg in sh & sd. Mud 9.2#, Visc. 55, WL 6, 1° @ 8507'.

10-9 8634' Down for rig repairs 6 hrs. Broken sand & shale. Mud 9.2#, Visc. 60, WL 7.2.

sand & shale. Mud 9.2#, Visc. 60, WL 7.2.

8754' Drlg in sd & sh. Mud 9.2#, Visc. 48,
WL 6. BW 45,000#. 3/40 @ 8727'. DST #5

8638-8678'. Open for 10", SI 60", Open for 60".
Opened w/weak blow. Inc to moderate in 3".
No gas to surf. Last 30" annulus dropped & test is questionable. IH 4215#, IFP 68-181#,
ISIP 4121#, FFP 237-1622#, FSIP 4140#, FH
none, pkrs failed. Recd 3229' GCM. Sample chamber 2200 cc of mud. No show of oil.

### DRILL STEM TEST DATA

## Gov't. Vernal 42-30-G

## 9-10-70 DST #1 4260-4283'

Open 5 minutes, shut in 60 minutes, open 90 minutes, shut in 180 minutes, fair blow increasing throughout test. Recovered 120' GCM, 596' GC muddy water, fem tool .15 sta cu. ft. gas, 1900 cc water at  $145^{\circ}$ , 14,000 PPM salt, IF 46-93#, FF 110-324#, ISI 1703#, FSI 1338#, IHH 2132#, FHH 2092#.

### 9-25-70 DST #2 7220-7447'

Tool open 10 minutes. Had weak blow increasing to fair in 7 minutes, shut in 60 minutes, open 90 minutes. Had strong blow steadily decreasing to weak at end of test. No gas to surface. Shut in 3 hours. Recovered 30' of thick frothy light brown oil and 445' of drilling mud. Sample chamber contained 3/10 cu. ft. gas, 210 cc oil and 1800 cc's mud. 0il gravity 38° API at 126° uncorrected. Pressures---IHP 3419#, IFP 50-96#, ISIP 2184# building, FFP 115-181#, FSIP 2206# building, FHP 3400#.

# 10-1-70 DST #3 7980-8164'

Tool open 10 minutes. Slight blow. Shut in 65 minutes, open 90 minutes-moderate blow decreasing to weak blow. Shut in 69 minutes. Recovered 470' of fluid, 90' gas cut mud, 20-30% oil. Sample chamber contained 400 cc mud, 1800 cc gas cut oil. Pressures---IHH 3859#, IFP 106-113#, FFP 143-209#, FSIP 667#.

# 10-5-70 DST #4 8175-8363'

Tool open 15 minutes. Had fair blow increasing in 4 minutes. Shut in 64 minutes. Open 91 minutes. Had moderate blow. No gas to surface. Shut in 60 minutes. Recovered 475' slightly oil and gas cut mud. IH 4000#, IFP 191# decreasing to 172#, ISIP 930#, FFP 162-247#, FSIP 490#. Sample chamber contained 1.2 cu. ft. gas, 900 cc 38° gravity oil, 800 cc mud.

### 10-11-70 DST #5 8638-8678'

IFP 10 minutes ISIP 60 minutes FFP 60 minutes--FFP opened with weak blow. Increased to moderate in 3 minutes, no gas to surface. Last 30 minutes of FFP the annulus dropped and test is questionable. Pressures---IH 4215#, IFP 68-181#, ISIP 4121#, FFP 237-1622#, FSIP 4140#, FH 0#, packers failed. Recovered 3229' of gas cut mud. Sample chamber contained 2200 cc mud. No show of oil.

10-29-70 DST #6 9330-9440'

Tool opened with weak blow for 10 minutes, increased to moderate. ISIP 60 minutes FFP 60 minutes. FFP opened with weak blow; increased to moderate after 10 minutes. No gas to surface. Recovered 112' mud and 88' of slightly oil flecked mud. No water. MFE chamber pressure 30#. Chamber contained 2000 cc oil flecked mud and no gas. Pressures---IHH 4490#, IFP 66-66#, ISIP 1255#, FFP 79-92#, FSIP 423#, FHH 4358#, BHT 170°F.

11-12-70 DST #7 10,136-10,215'

IFP 10 minutes, opened with weak blow, increased to strong in 1 minute. ISIP 63 minutes. FFP 1 hour, opened with strong blow, decreased to weak after 1 hour, no gas to surface. Recovered 135' oil cut mud, 40% oil. Pressures ---IHH 4832#, ISFP 54#, ISIP 1836#, FFP 75#, FSIP 923#. No gas to surface.

11-16-71 DST #8 10,352-10,380'

Packers failed after 3 minutes -- no test.

11-17-71 DST #9 10,243-10,392'

IFP 10 minutes - good blow after 5 minutes; ISIP 69 minutes, FFP 1 hour had good blow immediately, gas to surface in 24 minutes at rate of 24.3 MCF/D, decreased to 11.3 MCF/D, FSIP 90 minutes. Recovered 680' water, 620' oil, 800' drilling mud. Pressures---IHH 5319#, IFP 694#-707#, ISIP 4625#, FFP 812-943#, FSIP 4690#, FHH 5254#. Bottom hole sampler contained 1000 cc oil, 3.2 cu. ft. gas, GOR 500:1; gravity 35.8 at 108°F.

11-23-71 DST #10 10,624-10,801'

Tool open 10 minutes, SI 30 minutes, open 60 minutes SI 60 minutes. Had gas to surface in 40 minutes on final shut in. Recovered 2000' oil and gas cut load water, 1 bbl. gas cut drilling fluid. IHP 5280#, IFP 943-983#, ISIP 4887#, FFP 1048-1284#, FSIP 4027#, FHP 5267#, BHT 187°. Sample chamber contained 2.5 cubic ft. gas, 750 cc oil, 750 cc mud. Chamber pressure 975#.

# 2 STAGE CEMENTING DATA Gov't. Vernal 42-30-G

DV 2 stage tool at 6484'.

Total depth 9000'.

7" casing cemented at 8999' in 8-3/4" hole.

1st stage cemented through shoe at 8999' with 250 gallons Howco mud flush followed by 380 sacks 50/50 pozmix containing 2% Gel, 10% salt, 1-1/4% CF-R-2; 100 sacks regular cement. Full returns throughout job. Plug down at 9:30 A.M. 10-18-70, opened DV tool and circulated 3 hours, waited 5 hours for initial set on 1st stage, circulated 15 minutes with full returns cemented 2nd stage through DV tool with 250 gallons mud flush followed by 380 sacks 50/50 pozmix containing 2% gel, 10% salt, 1-1/4% CF-R-2. Had full returns. Plug down 6:15 P.M. 10-18-70. Closed DV tool. Pressure tested to 2500#, held 0K. Nippled up.

# PERFORATION RECORD - Space 31

11,592-11,650' - 22 holes	10,476-10,532' - 28 holes
11,298-11,490' - 33 holes	10,316-10,395' - 38 holes
11,015-11,134' - 35 holes	10,215-10,244' - 10 holes
10,744-10,750' - 4 holes	10,155-10,173' - 10 holes
10,762-10,780' - 9 holes	10,315-10,395' - 320 holes
10,840-10,850' - 5 holes	10,435-10,462' - 108 holes
10,890-10,910' - 10 holes	10,476-10,532' - 224 holes
10,616-10,634' - 18 holes	10,890-10,910' - 80 holes
10,660-10,664' - 4 holes	11,028-11,056' - 112 holes
10,676-10,680' - 4 holes	11,064-11,086' - 88 holes
10,435-10,462' - 14 holes	11,120-11,134' - 56 holes

# TREATING RECORD - Space 32

Acidized with 1350 gallons 15% HCL. 11,592-11,650'

Acidized with 1900 gallons 15% HCL. 11,298-11,490'

Acidized with 2000 gallons 15% HCL, fraced with 8820 gallons 11,015-11,134'

crude oil, 18,192 gallons E-746, 3192# 20/40 sand. Acidized with 10,000 gallons 12% HCL + 3% HF + 20 tons CO2. 10,155-10,910'

Acidized with 12,000 gallons 15% mud acid. 10,315-11,134



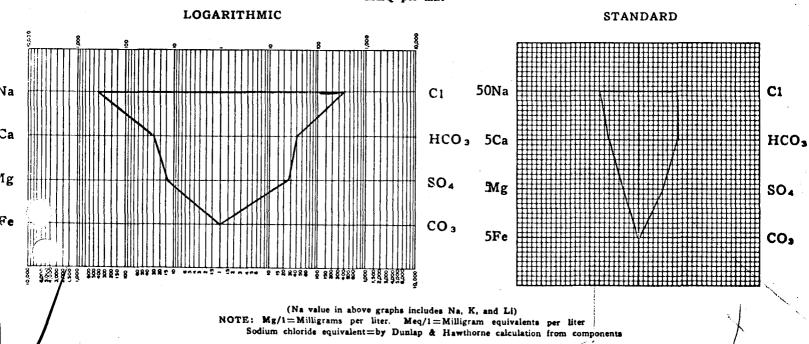
# CHEM LAB

# WATER ANALYSIS EXCHANGE REPORT

MEMBER Mobil Oil Corp.  OPERATOR Mobil Oil Corp.  WELL NO. Vernal F42-30G  FIELD Wildcat  COUNTY Uintah  STATE Utah  REMARKS & CONCLUSIONS: clear water, oi	LAB NO. 4612 REPORT LOCATION SE NE30-6S-20E FORMATION Uinta INTERVAL 4260-4283 SAMPLE FROM DST No. 1 (mfe) DATE November 4, 1970  1 on top	NO. 11-1270
Cations         mg/1         meq/1           Sodium         -         9246         402.21           Potassium         -         60         1.54           Lithium         -         -           Calcium         -         630         31.44           Magnesium         -         165         13.56           Iron         -         Present         -	Anions         mg/1           Sulfate          1212           Chloride          13,600           Carbonate          -           Bicarbonate          2440           Hydroxide          -           Hydrogen sulfide          Absent	meq/1 _25.21 _383.52 
Total Cations	Specific resistance @ 68° F.:  Observed 0.30  Calculated 0.28	ohm-meters

# WATER ANALYSIS PATTERNS

MEQ per unit



11/5/10 11/5/10 • Moliil-Gov. Ulual F42-309 Drilling at 9880' 30-65-20E Sex Casing Shart of 9,000' Ned good ou shows at 9610', with Good shows behind Cassing. Drieling in It week mentile of Wasatch. If hole Conduition is good ax 11,000' Well dried to 14,000' Schew

Form 9-331 (May 1963)	
/	

SUBMIT IN TRIE	rre•
(Other instructions on	
verse side)	

	Form a	pprov	eđ.		V
	Form a Budget	Bure	au N	o. 42	-R142
EASE	DESIGN	ATTON	AND	SERI	AT. NO.

(May/1963)	THERE OF THE INT	(Other instructions on	re i	ureau No. 42-R1424.
DEPAR	TMENT OF THE INT		,	ION AND SERIAL NO.
$\langle \rangle$	GEOLOGICAL SURVE	Υ'	U-0125576	
	OTICES AND REPOR	TS ON WELLS plug back to a different reservoir. such proposals.)	6. IF INDIAN, ALLOT	TTEE OR TRIBE NAME
OIL GAS WELL OTHER			7. UNIT AGREEMENT	NAME
2. NAME OF OPERATOR			8. FARM OR LEASE	NAME
Mobil 011 Corporation	<b>o</b> n		Gov't. Vern	al
3. ADDRESS OF OPERATOR	<u> </u>		9. WELL NO.	
D 0 Pay 1034 041:	ahoma City Oklahom	na 73101	42-30-G	
P. O. Box 1934. Okl.  4. LOCATION OF WELL (Report location See also space 17 below.)	n clearly and in accordance wit	h any State requirements.*	10. FIELD AND POOL	OR WILDCAT
See also space 17 below.) At surface	ad Nameh 1 day 2 66	int back of Each Idea	Wildcat	
Section 30-65-20E U		60' West of East Line	11. SEC., T., R., M., C C SE NE	OR BLK. AND RHA
			Section 30-	6S-20E
14. PERMIT NO.	15. ELEVATIONS (Show whet	ther DF, RT, GR, etc.)	12. COUNTY OR PAR	ISH 13. STATE
	GR. 5151'	· · · · · · · · · · · · · · · · · · ·	Uintah	Utah
16. Check	Appropriate Box To Indica	ate Nature of Notice, Report, o	r Other Data	
NOTICE OF INT	rention to:	SUBS	SEQUENT REPORT OF:	
TEST WATER SHUT-OFF				
	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRIN	G WELL
FRACTURE TREAT	PULL OR ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREATMENT	REPAIRIN	
FRACTURE TREAT SHOOT OR ACIDIZE		FRACTURE TREATMENT SHOOTING OR ACIDIZING		G CASING MENT*

(Nors: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

SEE ATTACHED SHEET.

(Other)

ODICINIAL SIGNED BY		
18. I hereby certify that the foregoing is true and co	rrect	
SIGNED PAUL K. LANGENBERG	G TITLE Office Group Supervisor	DATE
(This space 111 February of State Diffe Qse)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

Rodney A. SMith USGS Salt Lake City, Utah
O&GCC Salt Lake City, Utah
E. S. Walseth \*See Instructions of

\*See Instructions on Reverse Side

File 1cc:

( ) Pho

GOV'T VERNAL #F42-30G 9000' Green River	10-13	8836' Drlg in sh & sd, Mud 9.2#, Visc. 54, WL 6.
SE NE 30-68-20E Uintah Co., Utah Mobil 100%	10-14	8914' Drlg in sh & sd. Mud 9.2#, Visc. 49, WL 6.4.
Pioneer Drlg. Co. 9-5/8" @ 899'	10-15	8957' Making a trip in sd. Mud 9.2#, Visc. 57, WL 6.6.
8-3/4" Hole Spudded: 8/28/70 (46)	10-16	9000' Running logs. Mud 9.2#, Visc. 74, WL 6, 7" csg is on location. Prep to run pipe.
	full ret	TD 9000' WOC 7" @ 8999' w/float @ 8912'.  DV tool @ 6484'. Pumped 250 gals Howco mud flush + 380 sx 50/50 Poz + 2% Gel + 10% salt + 1½% CF-R-2 + 100 sx reg. Full returns.  Poz 14.5#/gal., Reg. 15.6. PD @ 9:30 AM, 10/18/70. Opened DV tool. Circ 3 hrs,  waited 5 hrs for initial set on 1st stage.  i", full returns. Cmtd 2nd stage w/250 gals mud 380 sx 50/50 Poz + 2% gel + 10% salt + 1½% CF-R-2  curns. PD @ 6:15 PM, 10/8/70. Closed DV tool.  ested to 2500#, held OK. NU.
•	10-20	TD 9000'. Installed BOP's & choke manifold.
	•	Tested to 2200#, OK. Picking up DC's & DP,
	10-21	1500 series BOP's. 9005' Making a trip to run bond log. Picked up 6-1/4" bit + 24 - 6-1/8" DC's & 3½" DP. Drld DV tool @ 6484'. Press tested to 2000#, OK. Drld cmt from 8812-9000'. Made
		5' of new hole.
	10-22	9033' Trip in quartzitic silt stone. Ran Welex bond log. Cmt top 1st stage @ 7844' & cmt top 2nd stage @ 5280'. Mud 8.9#, Visc. 50, WL 50.
	10-23	9033' Running magnet and junk basket. Ran magnet twice yesterday. Recd loose junk in hole. Ran mill. Milled 2'. Ran smooth. Now running magnet.
	10-26	9243' Drlg in sh & silt. Mud 8.8#, Visc. 42, WL 6.0, 80'/24 hrs. 6-1/4" hole.
	10-27	9320' Drlg in sh. Mud 9#, Visc. 40, WL 8.
	10-28	9367' Drlg in sh. Mud 9#, Visc. 40, WL 8. Made trip. Diamond bit made 272'/75½ hrs.
	10-29	Diamonds polished. 9440' Prep to DST #6 from 9335 to 9440' in sd & sh. Gas show on logging unit @ 9350' & 9381-89'. Mud 9#, Visc. 60, WL 8.2.
	10-30	9455' Drlg in sh. Mud 9#, Visc. 48, WL 8.2.
	A. A	DST #6 9330-9440'. Test as follows: TO 10" w/
	14	weak blow incr to moderate, SI 60", TO 60" w/weak blow incr to moderate, after 10" NGTS.
		Ran 200' fluid as follows: 112' mud & 88' s1
		oil flecked mud. No wtr. MFE chamber press 30#. Chamber contained 2000 cc oil flecked mud & no gas. IHH 4490#, IFP 66-66#, ISIP 1255#, FFP
•	33.0	79-92#, FSIP 423#, FHH 4358#, BHT 170° F.
	11-2	9692' Drlg in sd & sh. Mud 9#, Visc. 41, WL 7.8, 82'/24 hrs. Had gas show on logging unit 9665-9680' & 9685-9690'. Diamond bit #3 has made 252'/76-3/4 hrs.

M. E. Mendenhall

A. J. McCredie

# DEPARTMENT OF THE INTERIOR (Other Instructions verse side)

SUBMIT IN TRI

GEOLOGICAL SURVEY SUNDRY NOTICES AND REPORTS ON WELLS

re-	Form approved. Budget Bureau No. 42-R1424.  5. LEASE DESIGNATION AND SERIAL NO.				
	U-0125576	-			
	6. IF INDIAN, ALLOTTEE OR	TRIBE	NAME		
l			-		
	7. UNIT AGREEMENT NAME				
	8. FARM OR LEASE NAME		-		
	Gov't, Vernal		4.0		
	9. WELL NO.		•		

(Do not use this form for proposals to drill or to deepen or plu Use "APPLICATION FOR PERMIT—" for suc	ng back to a different reservoir. h proposals.)
1. OIL GAS OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR  Mobil Oil Corporation	8. FARM OR LEASE NAME GOV't, Vernal
3. ADDRESS OF OPERATOR P. O. Box 1934, Oklahoma City, Okla	9. WELL NO.
4. LOCATION OF WELL (Report location clearly and in accordance with a See also space 17 below.) At surface 1980' South of North Line & 660' Section 30-65-20E Uintah County, Utah	West of East Line  Wildcat  11. SMC, T, B, M., OR BLK. AND SURVEY OR ARBA  C SE NE Section 30-6S-20E
14. PERMIT NO. 15. ELEVATIONS (Show whether GR. 5151*	
16. Check Appropriate Box To Indicate NOTICE OF INTENTION TO:	Nature of Notice, Report, or Other Data SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)  PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	WATER SHUT-OFF  FRACTURE TREATMENT SHOOTING OR ACIDIZING  (Other)  (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Formations in this well are running deeper than expected; therefore, in accordance with a change in plans, Mobil proposes to revise the permitted total depth of 8300' to a new total depth of 11,500' to permit evaluation of the Wasatch formation.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

	OPICINAL SIGNED BY		
18.	I hereby certify that the foregoing is true and co	TITLE Office Group Supervisor	DATE 11-25-70
	(This space for Federal or State office use)  APPROVED BY	TITLE	DATE
)+2: lcc:	CONDITIONS OF APPROVAL, IF ANY: G. R. Daniels USGS Salt Lake O&GCC Salt Lake City	City, Utah	
	E. S. Walseth	*See Instructions on Reverse Side	REW

1cc: File

GOV'T. VERNAL #F42-30G 11,000' Wasatch SE NE 30-6S-20E Uintah Co., Utah Mobil 100% Pioneer Drlg. Co. 9-5/8" @ 899' 7" @ 8999' Spudded: 8/28/70 (87)

23

of wtr cushion. DST 10,624-10,801'. Tool open 10", SI 30", open 60". SI 60". GTS in 40" on final SI. Recd 2000' oil & gas cut load wtr + 1 BO & gas cut drlg fluid. IHP 5280#, IFP 943-983#, ISIP 4887#, FFP 1048-1284#, FSIP 4027#, FHP 5267#, BHT 1870, Chamber press 975# contained 2.5 ft<sup>3</sup> gas, 750 cc oil, 750 cc mud. Mud 9.5#, Visc. 71, WL 5.8.

- 11-24 10,879' Drlg in silt & sd. Mud 9.4#, Visc. 53, WL 6, BW 24M#, Rotary 60.
- 11-25 10,966' Drlg in sd & sh. Mud 9.5#, Visc. 60, WL 5.6, BW 24M#, Rotary 60.
- 11-27 11,073' Drlg in sd. Mud 9.4#, Visc. 54, WL 5.6, BW 20M#, Rotary 60. Drill off @ 11,062' 11,072'. From 20" to 5"/ft. Gas show on logging unit.
- 11-30 11,253' Drlg in sh. Mud 9.7#, Visc. 52, WL 6.4, BW 25,000#, Rotary 60. Had gas show 11,121-11,127'.
- 12-1 11,329' Drlg in sh & sd. Mud 9.6#, Visc. 60, WL 6.4, BW 25,000#, Rotary 60. Show from 11,305-11,308' 2080 gas units.
- 12-2 11,400' Drlg sh. Mud 9.7 Visc 61, WL 5.6
- 12-3 11,424' Drlg sh. Mud 9.7, Visc 71, WL 5.6, Made a trip. Tight place @ 10,947'. No shows last 24 hours.
- 12-4 11,512' Drlg sh & sd. Bit wt. 25M, Rotary 60 N, PP 2200#, Mud 9.5, Visc. 75, WL 6.0.
- 12-7

  11,720' Drlg in sh. Mud 9.4#, Visc. 55, WL 6.8, BW 24,000#, Rotary 60. Made trip OK. Shows @ 11,600-11,610' w/oil on shaker to 11,645'. Inc from 300 units to 500 units on logging unit.
- 12-8
  11,778' Drlg in sh. Mud 9.9#, Visc. 55, WL 8.4, BW 25,000#, RPM 45. No shows since yesterday.
- 12-9 11,833' Drlg in silt. Mud 9.6#, Visc. 54, WL 7.6, BW 25,000#, Rotary 49. No shows last 24 hrs.
- 12-10 11,904' Drlg in red sh & sd. Mud 9.6#, Visc. 52, WL 7.6, BW 25,000#, Rotary 50.
- 12-11 11,950' Running electric logs. Mud 9.7#, Visc. 66, WL 7.3. Started logging @ 4 AM.
- 12-14 TD 11,950'. Ran Welex IES G/R caliper sonic & seismic velocity logs. Ran bit. Cond hole. POH. Picked up 3298' of 5" flush jt + Burns liner hanger.

Form 9-331 (May 1963)

# UNITED STATES SUBMIT IN TRACCATE\* CATE\* Other instructions on reduced budget Bureau No. 42-R1424. DEPARTMENT OF THE INTERIOR verse side) Form approved. Budget Bureau No. 42-R1424.

GEOLOGICAL SURVEY			U-0125576	
SUNDRY NC (Do not use this form for pro Use "APPL	DTICES AND REPORTS Operated to deepen or plug batter of the deepen or plug batter of the property of the prope	N WELLS ack to a different reservoir. oposals.)		TTEE OR TRIBE NAME
OIL GAS WELL OTHER			7. UNIT AGREEMEN	T NAME
2. NAME OF OPERATOR			8. FARM OR LEASE	NAME
Mobil 011 Corporation			Gov't. Verna	1
3. ADDRESS OF OPERATOR	<u> </u>		9. WELL NO.	
P. O. Box 1934, Oktai	homa fity. Oklahoma 73	2101	42-30-G	
4 regement on white (Penert legation	noma City, Oklahoma 73 n clearly and in accordance with any S	tate requirements.*	10. FIELD AND POO	L, OR WILDCAT
4. LOCATION OF WELL (Report location			Wildcat	
See also space 17 below.)	8 Namel 1 Acres 6 CCC 1 Nove	# P	11. SEC., T., R., M., OR BLK. AND	
See also space 17 below.) At surface 1980' South o	Morth Line & 660' Wes	it of East Line		OR BLK. AND
See also space 17 below.)		it of East Line	11. SEC., T., R., M., SURVEY OR A	
See also space 17 below.) At surface 1980' South o		it of East Line	11. SEC., T., E., M., SURVEY OR A	AREA
See also space 17 below.) At surface 1980' South o	ntah County, Utah	,	C SE NE Section 30-	-6S-20E
See also space 17 below.) At surface 1980' South o		,	11. SEC., T., E., M., SURVEY OR A	-6S-20E
See also space 17 below.) At surface 1980' South or Section 30-65-20E U1	ntah County, Utah	,	C SE NE Section 30-	-6S-20E
See also space 17 below.) At surface 1980 South of Section 30-6S-20E U1:	15. ELEVATIONS (Show whether DF,	RT, GR, etc.)	11. SEC., T., E., M., SURVEY OF A C SE NE Section 30-12. COUNTY OF PAI	-65-20E RISH 18. STATE
See also space 17 below.) At surface 1980 South of Section 30-6S-20E U1:	15. ELEVATIONS (Show whether DF, GR. 5151*  Appropriate Box To Indicate No.	RT, GR, etc.) afure of Notice, Report, or	11. SEC., T., E., M., SURVEY OF A C SE NE Section 30-12. COUNTY OF PAI	-65-20E RISH 18. STATE
See also space 17 below.) At surface 1980 South or Section 30-6S-20E U1	15. BLEVATIONS (Show whether DF,  GR. 5151'  Appropriate Box To Indicate Notes to the state of t	RT, GR, etc.)  ature of Notice, Report, or  SUBSI	11. SBC., T., E., M., SURVEY OF A  C SE NE Section 30- 12. COUNTY OF PAI  Uintah  Other Data  EQUENT REPORT OF:	65-20F RISH 13. STATE
See also space 17 below.) At surface 1980 South or Section 30-6S-20E U1:  14. PERMIT NO.  Check A NOTICE OF INT.  TEST WATER SHUT-OFF	15. ELEVATIONS (Show whether DF, GR. 5151*  Appropriate Box To Indicate Notention to: PULL OR ALTER CASING	et, or, etc.)  ature of Notice, Report, or  substituted the substitute of the substi	11. SBC, T, E, M., SURVEY OF A  C SE NE Section 30- 12. COUNTY OF PAI  Uintah  Other Data  EQUENT REPORT OF:	GS-20E RISH 18. STATE Utah
See also space 17 below.) At surface 1980 South or Section 30-6S-20E U1	15. BLEVATIONS (Show whether DF,  GR. 5151'  Appropriate Box To Indicate Notes to the state of t	et, or, etc.)  afure of Notice, Report, or  subsitement of the subsite	11. SBC, T, E, M., SURVEY OR A C SE NE Section 30- 12. COUNTY OR PAI Uintah Other Data EQUENT REPORT OF: REPAIRI	6S-20F RISH 13. STATE Utah
See also space 17 below.) At surface 1980 South or Section 30-6S-20E U1:  14. PERMIT NO.  Check A NOTICE OF INT.  TEST WATER SHUT-OFF	15. ELEVATIONS (Show whether DF, GR. 5151*  Appropriate Box To Indicate Notention to: PULL OR ALTER CASING	et, or, etc.)  ature of Notice, Report, or  substituted the substitute of the substi	11. SBC, T, E, M., SURVEY OR A C SE NE Section 30- 12. COUNTY OR PAI Uintah Other Data EQUENT REPORT OF: REPAIRI ALTERIN ABANDON	6S-20F RISH 13. STATE Utah

SEE ATTACHED SHEET.

18. I hereby certify that the foregoing is true and correct		
PAUL K. LANGENBERG	MIMIT D. OSSA - Commun. Commun.	DATE 44 AF 7A
SIGNED	TITLE Office Group Supervisor	DATE 11-25-70
(This space for Federal Of State Shic Juse)		
APPROVED BY	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:		

Rodney A. Smith USGS Salt Lake City, Utah O&GCC Salt Lake City
E. S. Walseth \*See Instructions File 0+2:

lcc:

\*See Instructions on Reverse Side

1cc:

# Form 9-331 (May 1963)

# DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIP ATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

1	DEPAR	TMENT OF THE INTE	RIOR verse side)	5. LEASE DESIGNATION	AND SERIAL NO.
		GEOLOGICAL SURVEY		U-0125576	
		OTICES AND REPORTS posals to drill or to deepen or plusication FOR PERMIT—" for such		6. IF INDIAN, ALLOTTE	DE OR TRIBE NAME
	OIL GAS OTHER			7. UNIT AGREEMENT N 8. FARM OR LEASE NA	
	Mobil Oil Corporatio	n		Gov't. Vernal	
	P. O. Box 1934, Okla		73101	9. WELL NO. 42-30-G	
4.	LOCATION OF WELL (Report location See also space 17 below.) At surface 1980 South o	f North Line & 660'	ny State requirements.* West of East Line	10. FIELD AND POOL, (	OR WILDCAT
	Section 30-6S-20E Ui	ntah County, Utah		C SE NE Section 30-6S	<b>A</b>
14.	PERMIT NO.	15. ELEVATIONS (Show whether GR. 5151	DF, RT, GR, etc.)	12. COUNTY OR PARISH	utah
16.	Check /	Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data	
	NOTICE OF INT	PENTION TO:	SUBSEQ	UENT REPORT OF:	
	FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	MULTIPLE COMPLETE ABANDON* CHANGE PLANS	Completion or Recomp	REPAIRING O ABANDONME s of multiple completion sletion Report and Log for	on Well
17.	DESCRIBE PROPOSED OR COMPLETED ( proposed work. If well is directed to this work.)*	OPERATIONS (Clearly state all pertinctionally drilled, give subsurface lo	nent details, and give pertinent dates cations and measured and true vertice	, including estimated da cal depths for all marker	te of starting an s and zones perti

Formations in this well are running much deeper than expected; therefore, in accordance with a new change in plans, Mobil proposes to revise the new total depth of 11,500', (approved November 30, 1970) to a new total depth of 12,500' to permit evaluation of the Wasatch formation.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 13-1-10 BY AUU W BULLELL

	ODICINAL SIGNED BY		
18.	I hereby certifor RIGHNAL SIGNED PAUL K. LANGENBERG		10 4 70
	Paul K. Langenberg	TITLE Office Group Supervisor	DATE 12-4-70
	(This space for Federal or State office use)		
	APPROVED BY	TITLE	DATE
)+2:	G. R. Daniels USGS Salt Lake	City	
	O&GCC Salt Lake City	•	
lcc:	E. S. Walseth	*See Instructions on Reverse Side	REW

1cc: G. A. Trimble
1cc: M. E. Mendenhall

Icc: A. J. McCredie

1cc: File

Form approved. Budget Bureau No. 42-R1424.

DEI AIT INICIA OF THE HATELTION Verse side/	Of Demon Debiding 1100 and Design
GEOLOGICAL SURVEY	U-0125576

GEOLOGICAL SONVET	0-0123370
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reserve Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAMI
ī.	7. UNIT AGREEMENT NAME
OIL GAS WELL OTHER	
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Mobil Oil Corporation	Gov't. Vernal
3. ADDRESS OF OPERATOR	9. WELL NO.
P. O. Box 1934, Oklahoma City, Oklahoma 73101	42-30-G
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface 1980' South of North Line & 660' West of East Line	Wildcat
The second secon	11. SEC., T., R., M., OR BLK. AND
Section 30-6S-20E Uintah County, Utah	C SE HE
Substitution of Education of State of S	Section 30-6S-20E
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
GR. 5151'	Uintah Utah
16. Check Appropriate Box To Indicate Nature of Notice, Rep	ort, or Other Data
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATM	ENT ALTERING CASING
SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACID	IZING ABANDONMENT*
REPAIR WELL CHANGE PLANS (Other CREATY	``` <b>\</b> `
(Note: Repo	ort results of multiple completion on Well
Completion of	r Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED SHEET.

18. I hereby certification foregoing EineBy correct		
SIGNED PAUL K. LANGENBERG	TITLE Office Group Supervisor	DATE 12-22-70
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

Smith USGS Salt Lake City, Utah 9&GCC E. S. Walseth \*S

\*See Instructions on Reverse Side

File

CHANGE PLANS

SUBMIT IN TRIPLI

Form approved. Budget Bureau No. 42-R1424.

/	(May	1903
L	S	

DEPARTMENT OF THE INTERIOR verse side)	5. LEASE DESIGNATION AND SERIAL N
GEOLOGICAL SURVEY	U-0125576
NOV MOTICES AND DEPONTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NA

(Do not use this form Use	NOTICES AND REPORTS ON WELLS for proposals to drill or to deepen or plug back to a different reservoir. 'APPLICATION FOR PERMIT—" for such proposals.)	b. IF INDIAN, ALLA	OTTEE OR TRIBE NAME
1.		7. UNIT AGREEMEN	IT NAME
WELL GAS WELL	OTHER		tan di kacamatan di <u>L</u>
2. NAME OF OPERATOR		8. FARM OR LEASE	NAME
Mobil Uil Corpo	ration	Gov't V	ernal
3. ADDRESS OF OPERATOR		9. WELL NO.	
P. O. Box 1934.	Oklahoma City, Oklahoma 73101	42-30G	·
4. LOCATION OF WELL (Report See also space 17 below.)	location clearly and in accordance with any State requirements.*	10. FIELD AND POO	DL, OR WILDCAT
	uth of North Line & 660' West of East Line	Wildcat	· ·
	OE Uintah County, Utah	11. SEC., T., R., M. SURVEY OR	
		C SE NE	,
		Section 30	-6S-20E
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PA	RISH 13. STATE
	GR. 5151'	Uintah	Utah
16. C	neck Appropriate Box To Indicate Nature of Notice, Report, o	r Other Data	

NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: REPAIRING WELL PULL OR ALTER CASING WATER SHUT-OFF TEST WATER SHUT-OFF ALTERING CASING MULTIPLE COMPLETE FRACTURE TREATMENT FRACTURE TREAT ABANDONMENT\* ABANDON\* SHOOTING OR ACIDIZING SHOOT OR ACIDIZE

(Other) Wackly Report (1-25 to 3-19-71)
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED SHEETS.

REPAIR WELL (Other)

18. I hereby certify that the roregoing is true and correct		<del></del>		
SIGNED PAUL K. LANGENBERG	TITLE Office Group S	<del>upervisor</del>	DATE March 24	l <u>, 1971</u>
(This space for Federal of Seate vince ase)				
APPROVED BY	TITLE		DATE	<del></del>
CONDITIONS OF APPROVAL, IF ANY:			1 -	

0+2: Rodney A. SMith USGS Salt Lake City, Utah

O&GCC Salt Lake City

lcc: E. S. Walseth \*See Instructions on Reverse Side

Filed lcc:

GOV'T VERNAL #F42-30G 11,500' Wasatch SE NE 30-6S-20E Uintah Co., Utah Mobil 100% 9-5/8" @ 899' 7" @ 8999' 5" Liner 8644-11,949' Spudded: 8-28-70

2-19 TD 11,950' Part, 1,905'. Testing for leak in tbg. strings.

2-22 TD 11,950' PB 11,905'. MI Gibson Well Service Ran 1-7/8" Kobe standing valve to 11,125'. Ran 1-15/16" tbg broach on sd line. CO thru tight spot in tbg @ 2500'. Went to 7050'. Sd line stranded 3000' from btm. Installed Kobe header system. Attempted to pump down long string. Pressured up to 2400#, no fluid movement. Indicating something was wrong. If standing valve was in place properly, could have circ. Ran correlation log to check measurements. Found stdg valve 5' above seating nipple. WO retrieving tool to rec standing valve.

2-23 TD 11,950' PB 11,905'. Pulling tbg to check for leak. Kobe did not pump. Will drop from report until tbg has been round tripped and Kobe equipment installed.

3-15

TD 11,950' PB 11,905'. 3/8 P 47 BNO/24 hrs + no wtr 3/9 P 42 BNOPD 3/10 P 33 BNOPD. 3/14 P 30 BNOPD. 3/15 P 28 BNOPD. MI BC Well Service. Will rig up & kill well today. Plans are to pull Kobe equipment and repf. Wasatch.

3-16 TD 11,950' PB 11,905'. Recd Kobe pump.
Killed well. Prep to install BOP's & pull
tbg strings.

3-17 TD 11,950' PB 11,905'. Killed well, installed BOP's. Pulled tbg. Prep to repf Wasatch zone.

3-18 TD 11,950' PB 11,905'. RU McCullough Well Perforators. Used 3-1/8" csg. gun. Deep penetrating jet shots.

Interval Feet No. of Holes 10,315-395 80 320 10.435-462' 27 108 10.476-5325 56 224 10,890-910' 20 80 11.028-056' 28 112 11,064-086' 22 88 11,120-134' 14 56 Total 33 247 988

4 shots/ft. Running Baker ret. pkr @ 2400'. Will run tbg today & acidize in the morning.

3-19 TD 11,950' PB 11,905'. Set Baker retrievamatic pkr @ 10,040'. Press tested 2-3/8" x 7" annulus to 1700# OK. Prep to acidize Wasatch pfs w/12,000 gals 15% Dowell mud acid.

GQV'T. VERNAL #F42-30G 11,500' Wasatch SE NE 30-6S-20E Uintah Co., Utah Mobil 100% 9-5/8" @ 899' 7" @ 8999' 5" Liner 8644-11,949' Spudded: 8-28-70 (157)

2-1 ,413'. POH w/BP & pkr. TD 11,950' PB Ran BP & pkr on 2-7/8" tbg. Set BP @ 10,413' & pkr @ 10,289'. SWION. 12 hr SIP 25#. Bled off to O# immediately. S load SW. Well kicked off & flowed 60 BSW/1½ hrs. Making oil & gas & trying to plug 2" SIP 200#. Acidized w/500 gals 7½% HC1 + 2100 gals 12% HC1 + 3% HF acid + 40 ball sealers. Displ w/90 BO diesel containing V-66 miscible solvent. Mx TP 3600#, ATP 3400#, Mn TP 2600#, Final 3500#. Good ball action. ISIP 3000#, 10" SIP 2900#, AIR 4 BPM. Short 63 BL&AW + 90 BDO. Waited 20" F 70 BDO/2 hrs, S 20 BDO/1 hr. S 35 BLAW/2 hrs. FL @ 5000'. Well plugging. SWION. 12 hr SITP 600#. Opened. Blew to 0# in 2". STarted heading & slugging thick oil. F 5 BNO + 3 BLAW/1/2 hr. Short 25 BLAW. Monday - F 12 BNO + 4 BLAW/8 hrs. SWI total 4 hrs during test period. 2 hr SIP 400#, 2 hr 2nd time SIP 325#.

TD 11,950' PB 11,905'. 16 hr SIP 600#. F 9 BNO + 1 BLAW/1 hr. Well died Short 20 BL&AW. Killed well. Rotrieved BP. Layed down 65 jts 2-7/8" tbg.

Short 21 BLAW. SWION.

- 2-3 TD 11,950' PB 11,905'. Layed down 2-7/8" tbg. Prep to run Kobe down hole equipment. All equipment is on loc.
- TD 11,950' PB 11,905'. Picked up tbg & Kobe equipment. Picked up Kobe shoe, ran 38 jts tbg + 38 jts 1" N-80 tbg banded together. Now running remainder of 2-3/8" & 1".
- 2-5 TD 11,950' PB 11,905'. Finished running 2 strings of tbg, 75 jts 2-3/8" flush jt + 78 jts N-80. Ran Kobe bowl assembly. Ran 190 jts 2-3/8" N-80 tbg.
- 2-8 TD 11,950' PB 11,915'. Ran long string of 2-3/8" dual lock tbg. Total length of this string 11,143'. Ran 278 jts 2-3/8" no-lock tbg. Short string. Spaced out & set seal assembly in bowl on south side of csg head. Landed w/9,000# of wt. Installed OCT head. Pumped heated SW down long string to ascertain string was clear. Checked short string in the same manner. Both strings circ OK. Rel'd Gibson Well Service @ 7 PM, 2/6/71.
- 2-9 TD 11,950' PB 11,915'. Installing Kobe surface equipment.
  - 2-10 TD 11,950' PB 11,915'. Installing Kobe surface equipment.
- 2-11 TD 11,950' PB 11,915'. Installing Kobe surface equipment.
- 2-12 TD 11,950' PB 11,915'. Will start circulating thru Kobe system on Sunday and pumping well on Monday.
- 2-16 TD 11,950' PB 11,905'. Dropped standing valve. No shut off, now checking for leaks in system.
- 2-17 TD 11,950' PB 11,905'. Testing for leak in tbg. strings.
- 2-18 TD 11,950' PB 11,905'. Testing for leak in tbg strings.

COV'T. VERNAL #F42-30G 1-25
11,500' Wasatch
SE NE 30-6S-20E
Uintah Co., Utah
Mobil 100% \* 29', 15 holes
9-5/8" @ 899'
7" @ 8999'
5" Liner 8644-11,949'
Spudded: 8-28-70 (150) 1-26

TD 11,950' PB 1970'. Welex pf as follows: Zone 5-A, GR-AC stic Log 10,316-10,395', 79', 38 holes. Zone 5-B, GR-Acoustic Log 10,215-10,244\*& 10,155-173', 18', 10 holes. Layed down 2-3/8" tbg. Picked up 2-7/8" tbg w/ret. BP & pkr. Set BP @ 10,970' & pkr @ 10,000'. Swbd well to 9,000' in 4 hrs. w/show of oil & gas. SWION.

TD 11,950' PB 10,970'. 13 hr SIP 150#, FL @ 7500'. Swbd to 9000'. Swab sticking. Could not make any progress in thick black oil. SI for 6 hrs. Opened well, flowed small amt gas & show of oil. SWION.

1-27 TD 11,950' PB 10,970'. 14 hr SIP 180#. Blew down in 10", slt show of gas & oil. Pumped 90 B heated diesel oil - 180° F down 2-7/8" tbg. Pumped in @ 3400# @ 3 BPM, ISIP 2900#, 15" SIP 2100#, prep to acidize.

1-28 TD 11,950' PB 10,970'. Acidized w/10,000 gals. 12% HCl + 3% HF + 20 tons coa RD 7500#, AIR 10 BPM @ 7500#, fair ball sealer action, ISIP 3500#, short 264 BLAW + 170 BDO. Opened to pits. F large volume of

diesel & AW into reserve pit for 3 hrs. Started stop cocking well at 3 P.M.

•		
<u>Time</u>	Operations	Remarks
5:00 - 7:00	SI	200# SITP
7:00 - 7:30	F. T.	AW, sh blk oil
7:30 - 8:30 8:30 - 9:00	SI	125# buildup
8:30 - 9:00	<b>E</b> ,⊘o	AW sh blk oil
9:00 -10:00	SI	400# buildup
10:00-10:30	F.	AW w/sh yellow oi
10:30-12:30	SF	400# buildup
12:30- 1 AM	FØ	.com barraup
1:00- 3:00	SI	400# buildup
3:00- 4:30	F	ioon burraup
4:30-5:30	SI	200# buildup
5:30-6:00	F.	200# Dui laup

Making considerable AW. Good show of oil. Turned to yellow color. Oil percentage & quality is improving.

Now 80% + 20% wtr. Cont. to stop cock.

TD 11,950' PB 11,905'. Flowed well to pit intermittently from 7 AM to 4 PM. Well cont'd to slug oil, acid gas and some AW. Total fluid rec'd. F 27 BF/9 hrs, 50% oil & 50% AW. Loaded tbg w/SW. Unseated pkr. Circ well. Retrieved BP which was set @ 10,910'. Attempting to reset BP @ 10,410'. Total rec 118 BLAW. Short 90 BLAW.

F	mro'	9-331
- 1	Mnv	1963)

# DEPARTMENT OF THE INTERIOR (Other interior verse side)

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SUBMIT IN	TRIPLI	įė.	æ:
(Other insti	ructions	011	re

GEOLOGICAL SURVEY

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GEOLOGICAL SURVEY	U-0125576		
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)			

	(Do not use this form for propos Use "APPLICA	als to drill or to deepen or plug back to a different reservoir. TION FOR PERMIT—" for such proposals.)	
1.	<del> </del>		7. UNIT AGREEMENT NAME
	WELL GAS WELL OTHER		
2.	NAME OF OPERATOR		8. FARM OR LEASE NAME
	Mobil Oil Corporati	on	Gov't. Vernal
3.	ADDRESS OF OPERATOR		9. WELL NO.
	P. O. Box 1934, 0k1	ahoma City, Oklahoma 73101	42-30-G
4.	LOCATION OF WELL (Report location c See also space 17 below.)	early and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
		North Line & 660' West of EAst Line	Wildcat
	Section 30-6S-20E U		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
			C SE NE
			Section 30-65-20E
14.	PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE

GR. 5151'

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)		PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS		WATER SHUT-OFF  FRACTURE TREATMENT  SHOOTING OR ACIDIZING  (Other)  Weekly Report (12-15 to 1-22-7)  (NOTE: Report results of multiple completion on Well Completion or Recombletion Report and Log form.)			
			<del></del>	Completion of Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED SHEETS.

18. I hereby corner with the foreguine in true and correct				<del></del>	<del></del>	
PAUL K. LANGENBERG Paul K. Langenberg	TITLE .	Office 6	Group	Supervisor	DATE 1-25-71	<u> </u>
(This space for Federal or State office use)					- <del></del>	
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE .	· · · · · · · · · · · · · · · · · · ·			DATE	

Smith USGS Salt Lake City, Utah

O&GCC Salt Lake City

E. S. Walseth File

\*See Instructions on Reverse Side

GOV'T. VERNAL #F42-30G
11,500' Wasatch
SE NE 30-6S-20E
Uintah Co., Utah
Mobil 100%
Pioneer Drlg. Co.
9-5/8" @ 899'
7" @ 8999'
Spudded: 8-28-70 (109)

12-15

TD 11,950' Drlg t @ 7310' & WOC 5" liner @ 11,949'. Set 82 jts (3305') 5" 15# N80 ABC FJ csg @ 11,949' w/Burns Hgr @ 8644'. Howco pumped 500 gals mud flush. Cmtd w/950 sx 50/50 Pozmix "G" w/2% gel + 10% NaCl + 1.25% CFR-2 + ½# flocele/sx. Had good circ throughout. Plug did not bump. Overdisplaced 3% above calculated. Ck float - held OK. PD @ 6 PM, POH w/DP & liner rng tool. WOC 12 hrs. WIH w/6½" bit. Found top of cmt @ 7296' in 7" csg. DO cmt @ 7310'.

- 12-16 TD 11,950' Drlg cmt @ 8400'. Will drill 244' to top of liner @ 8644'.
- 12-17. TD 11,950' Drld cmt from 8400' to 8644'.

  Picked up 2-3/8" tbg. Went inside of liner to 11,900'. POH. Prep to run bond logs.
- 12-18 TD 11,950', PB 11905'. Ran Welex bond log. Good to fair bonding from 8644' to 11,700'. Released rig @ 7:00 a.m., 12-19-70.
  - 12-21 TD 11.950' PB 11.905'. Rig is off location. Will move in completion rig on 12-26-70 or 12-27-70.
    - 12-22 TD 11,950' PB 11,905'. Rig is off location. Will move in completion rig on 12-26-70 or 12-27-70. Cleaning up location.
    - 12-23 TD 11,950' PB 11,905'. Installing production equipment on wellsite.
- 12-24 TD 11,950' PB 11,905'. Production equipment on wellsite.
  - 12-28 TD 11,950'. MI & RU completion unit.
  - 12-29 TD 11,950' PB 11,905'. Picking up tubing.

    12-30 TD 11,950' PB 11,905'. Picking up & installing collars on 2-7/8" Nu-lock tbg. Will have tbg.
  - 12-31 TD 11,950' PB 11,905'. Picking up & installing collars on 2-7/8" Nu-lock tbg.

picked up today & hole displaced.

- TD 11,950' PB 11,905'. Picked up remainder of 2-7/8" Nu-lock tbg. Started out of hole for BP & pkr. After pulling out to 3500' mud too thick & would not fall. Broke circ w/Dowell & displaced thick mud out of hole from 3500'. Pulled tbg out of hole, went back in hole open ended to displace thick mud below 3500'. WIH to PB TD. Displaced hole w/SW. POH to 4000', gust of wind swarmed tbg. Knocked out lights, no tbg damage.
- 1-5 TD 11,950' PB 11,905'. POH to 3500'.

  Hydromatic went out on unit. Down 10 hrs.

  Will start up this AM.
- 1-6 TD 11,950' PB 11,905'. Prep to pf 11,592-11,650' (Wasatch). POH. Ran 186 jts 2-3/8" tbg w/BP & pkr. Set BP @ 11,660' & pkr @ 11,537'. Welex will pf.
- 1-7 TD 11,950' PB 11,905'. S 6000'. Pf. 11,592-11,650', 22' pf. 22 holes. Swbd to 10,000'. No entry. SWION.

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GOV'T. VERNAL #F42-30G 1-8 11,500' Wasatch SE NE 30-6S-20E Uintah Co., Utah Mobil 100% 9-5/8" @ 899' 7" @ 8999' 5" Liner 8644-11,949' Spudded: 8-28-70 (133 1-11

TD 11,950' PB 11,905'. 13 hr SIP 0#. No fluid entry, S 11,500', No buildup. Acidized pfs 11,592-11,650' overall w/1350 gals 15% HCl acid. Mx TP 6600#, AIR 3.25 BPM @ 6600#. Good ball action. ISIP 4000#, 15" SIP 3000#, S 11,000'. Recd load. No show. SWION.

TD 11,950' PB 11,579'. 13 hr fluid fill-up from pfs 11,592-11,650' - 400'. S 11,500' no entry. Abandoned pfs. Unseated pkr. Pkr. would not reset. POH. Reran pkr & set @ 11,161' w/retrievable BP @ 11,579'. Perf. interval 11,298' to 11,490' overall w/33 holes. S 11,100'. No entry. SWION. Prep to acidize w/1900 gals.

1-12 TD 11,950' PB 11,579'. Acidized pfs 11,298 to 11,490' w/1900 gals 15% HCl-HF acid. BDP 6300#, AIR 5 BPM @ 6100#, ISIP 3900#, 15" SIP 3300#, short 93 RILAM, S ON BILLAM/5 hrs. Swbd to 11,100'. Slt show of gas. Recd 1/2 gal thick oil. Short 3 BL&AW. SWION.

TD 11,950' PB 11,579'. 12 hr SIP 600#, blew down to 0# immediately. This was gas as it 1-13 burned. Ran swab, FL @ 6100'. Scattered oil wtr & gas pockets. 300' of fluid buildup/hr. Est. well making 1/2 BFPH, 80-85% oil. Swbg from 11,100'. S 2½ BNO + 2.5 BLW/5 hrs. Show of gas. Reset BP @ 11,210'. Pkr @ 10,723'. S 7000'. Prep to pf interval 11,015-11,134'.

TD 11,950' PB 11,579'. Had 7 misruns w/ selective fire gun. Changed to reg multiple fire gun. FL @ 7170'. Pf interval 11,015-11,134' 69' & 35 holes. Finished pfg @ 4:30 AM. Prep to swab.

TD 11,950' PB 11,210'. From pfs 11,015-11,134' 4 hr SIP 200#, FL @ 5500'. Swbd to 11,000'. S 2 hrs. Slt show of gas + 2-3 gals of load wtr w/trace of oil. Acidized pfs 11,015-11,134' w/2000 gals 15% HC1-HF acid. Good ball sealer action. BD 4300#, AIR 4.75 BPM @ 6400#. ISIP 2900#. 7" SIP 2400#. Short 100 BL&AW. S 56 BL&AW/3 hrs. FL @ 3500'. Good show of oil & gas. SWION.

1-14

1-15

11,500' Wasatch
11,500' Wasatch
SE NE 30-6S-20E
Uintah Co., Utah
Mobil 100%
9-5/8" @ 899'
7" @ 8999'
5" Liner 8644-11,949'
Spudded: 8-28-70 (143)

1-18

1-19

TD 11,950' PB 11 D'. From pfs 11,015-134' 12 hr SIP 1400#. Bled to 0# in 8". F 8 BNO in 6 hrs. Plugged. Pumped 20 BO (heated diesel). S 15 BDO. Tbg became unplugged. SWION. 13 hr SITP 900#, F 2 BNO/20". Well plugged off. SI for 2 hrs. 2 hr SITP 600#. F 4 BNO/1. Well died. SI for 2 hrs, SITP 600#. F 2 BNO/10". Well died. Flowed total of 8 BNO/6 hrs. Making approximately 1.25 BOPH. SWION. 14 hr SITP 825#. Blew off immediately. F 5 BNO/45". Then small

amount of dry gas. SI for 2 hrs, TP 450#. F 4 BNO/35". Then dry gas. SI for 2 hrs. 2 hr SITP 400#, F 3 BNO/25". Decreased to small flow. SI for 2 hrs, SITP 375#. Opened, F 3 BNO/25". Then dec to small flow. Sunday - F 15 BNO/9½ hrs. SWION. Gr. 40° API, will frac today.

TD 11,950' PB 11,210'. Prior to frac job Press tbg-csg annulus to 2,000#. Pumped in 25 B hot Ashley crude oil. Pressured surface lines to 7,000#. Attempt to frac treat 11,015-11,134'. Pumped pad. Screened out w/672# of 20/40 sd in pfs. Short 673 BLO.

Treatment as follows: Pumped 8820 gals pad Ashley crude, 3.4 to 4 BPM @ 6800-7000#. Pumped 15,000 gals Dowell E-746 pad @ 6-10 BPM @ 7000#. Pumped 3192 gals E-746 w/l# gal of 20/40 sd + 672 gals in pfs. Screened out. Press inc from 6800# @ 7 BPM to 7000# @ 3 BPM. Declined to 1 BPM. Cut sd @ 646 B in form. Attempt to flush. STopped pump after 27 B flushed. Short 673 BLO. Opened well. F 256 BLO/14 hrs. Short 417 BLO. Still flowing approx. 7-8 BLO/hr. TP 20#.

1-20 TD 11,950' PB 11,210'. From pfs 11,015-11,134' F 162 BLO/17 hrs & S 73 BLO/3 hrs. Swbg from 8,000'. Slt show of gas. Short 182 BLO.

TD 11,950' PB 11,210'. From pfs 11,01511,134' 12 hr SITP 1800#. F&S 28 BLO/4
hrs. FL @ 4500'. Short 264 BLO. Yesterday's
shortage should have been 292. Unseated pkr.
Last 3 hrs F by heads 6 BLO sh gas & waxy.
Reset BP @ 10,980' & prep to set pkr. Then
will swab down to 7000' & pf zone 10,744 to
10,910'.

TD 11,950' PB 11,905'. Pulled BP & pkr. Welex pf following intervals:

Zone GR Acoustic Log Feet Holes 10,744-10,750 6 4 10,762-10,780 181 9 10,840-10,850 10' 5 10,890-10,910 20' 10 4-A 10,616-10,634 18 18 10,660-10,664 4 4 10,676-10,680 4 4 5 10,435-10,462 27 14 10,476-10,532 56 28

Now pfg next zone.

### DRILL STEM TEST DATA

# Gov't. Vernal 42-30-G

### 9-10-70 DST #1 4260-4283'

Open 5 minutes, shut in 60 minutes, open 90 minutes, shut in 180 minutes, fair blow increasing throughout test. Recovered 120' GCM, 596' GC muddy water, fem tool .15 sta cu. ft. gas, 1900 cc water at 145°, 14,000 PPM salt, IF 46-93#, FF 110-324#, ISI 1703#, FSI 1338#, IHH 2132#, FHH 2092#.

## 9-25-70 DST #2 7220-7447'

Tool open 10 minutes. Had weak blow increasing to fair in 7 minutes, shut in 60 minutes, open 90 minutes. Had strong blow steadily decreasing to weak at end of test. No gas to surface. Shut in 3 hours. Recovered 30' of thick frothy light brown oil and 445' of drilling mud. Sample chamber contained 3/10 cu. ft. gas, 210 cc oil and 1800 cc's mud. Oil gravity 38° API at 126° uncorrected. Pressures---IHP 3419#, IFP 50-96#, ISIP 2184# building, FFP 115-181#, FSIP 2206# building, FHP 3400#.

## 10-1-70 DST #3 7980-8164'

Tool open 10 minutes. Slight blow. Shut in 65 minutes, open 90 minutes-moderate blow decreasing to weak blow. Shut in 69 minutes. Recovered 470' of fluid, 90' gas cut mud, 20-30% oil. Sample chamber contained 400 cc mud, 1800 cc gas cut oil. Pressures---IHH 3859#, IFP 106-113#, FFP 143-209#, FSIP 667#.

# 10-5-70 DST #4 8175-8363'

Tool open 15 minutes. Had fair blow increasing in 4 minutes. Shut in 64 minutes. Open 91 minutes. Had moderate blow. No gas to surface. Shut in 60 minutes. Recovered 475' slightly oil and gas cut mud. IH 4000#, IFP 191# decreasing to 172#, ISIP 930#, FFP 162-247#, FSIP 490#. Sample chamber contained 1.2 cu. ft. gas, 900 cc 38° gravity oil, 800 cc mud.

# 10-11-70 DST #5 8638-8678'

IFP 10 minutes ISIP 60 minutes FFP 60 minutes--FFP opened with weak blow. Increased to moderate in 3 minutes, no gas to surface. Last 30 minutes of FFP the annulus dropped and test is questionable. Pressures---IH 4215#, IFP 68-181#, ISIP 4121#, FFP 237-1622#, FSIP 4140#, FH 0#, packers failed. Recovered 3229' of gas cut mud. Sample chamber contained 2200 cc mud. No show of oil.

10-29-70 DST #6 9330-9440'

Tool opened with weak blow for 10 minutes, increased to moderate. ISIP 60 minutes FFP 60 minutes. FFP opened with weak blow; increased to moderate after 10 minutes. No gas to surface. Recovered 112' mud and 88' of slightly oil flecked mud. No water. MFE chamber pressure 30#. Chamber contained 2000 cc oil flecked mud and no gas. Pressures---IHH 4490#, IFP 66-66#, ISIP 1255#, FFP 79-92#, FSIP 423#, FHH 4358#, BHT 170°F.

11-12-70 DST #7 10,136-10,215'

IFP 10 minutes, opened with weak blow, increased to strong in 1 minute. ISIP 63 minutes. FFP 1 hour, opened with strong blow, decreased to weak after 1 hour, no gas to surface. Recovered 135' oil cut mud, 40% oil. Pressures ---IHH 4832#, ISFP 54#, ISIP 1836#, FFP 75#, FSIP 923#. No gas to surface.

11-16-71 DST #8 10,352-10,380'

Packers failed after 3 minutes--no test.

11-17-71 DST #9 10,243-10,392'

IFP 10 minutes - good blow after 5 minutes; ISIP 69 minutes, FFP 1 hour had good blow immediately, gas to surface in 24 minutes at rate of 24.3 MCF/D, decreased to 11.3 MCF/D, FSIP 90 minutes. Recovered 680' water, 620' oil, 800' drilling mud. Pressures---IHH 5319#, IFP 694#-707#, ISIP 4625#, FFP 812-943#, FSIP 4690#, FHH 5254#. Bottom hole sampler contained 1000 cc oil, 3.2 cu. ft. gas, GOR 500:1; gravity 35.8 at 108°F.

11-23-71 DST #10 10,624-10,801'

Tool open 10 minutes, SI 30 minutes, open 60 minutes SI 60 minutes. Had gas to surface in 40 minutes on final shut in. Recovered 2000' oil and gas cut load water, 1 bbl. gas cut drilling fluid. IHP 5280#, IFP 943-983#, ISIP 4887#, FFP 1048-1284#, FSIP 4027#, FHP 5267#, BHT 187°. Sample chamber contained 2.5 cubic ft. gas, 750 cc oil, 750 cc mud. Chamber pressure 975#.

# PERFORATION RECORD - Space 31

11,592-11,650' - 22 holes	10,476-10,532' - 28 hole	25
11,298-11,490' - 33 holes	10,316-10,395' - 38 hole	25
11,015-11,134' - 35 holes	10,215-10,244' - 10 hole	es.
10,744-10,750' - 4 holes	10,155-10,173' - 10 hole	es .
10,762-10,780' - 9 holes	10,315-10,395' - 320 hol	es
10,840-10,850' - 5 holes	10,435-10,462' - 108 hol	es
10,890-10,910' - 10 holes	10,476-10,532' - 224 hol	es
10,616-10,634' - 18 holes	10,890-10,910' - 80 hole	es:
10,660-10,664' - 4 holes	11,028-11,056' - 112 hol	es
10,676-10,680' - 4 holes	11,064-11,086' - 88 hole	es :
10,435-10,462' - 14 holes	11,120-11,134' - 56 hole	:S

# TREATING RECORD - Space 32

11,592-11,650' Acidized with 1350 gallons 15% HCL. Acidized with 1900 gallons 15% HCL. 11,298-11,490' Acidized with 2000 gallons 15% HCL, fraced with 8820 gallons crude oil, 18,192 gallons E-746, 3192# 20/40 sand. Acidized with 10,000 gallons 12% HCL + 3% HF + 20 tons CO2. 11,015-11,134' 10,155-10,910' 10,315-11,134'

Acidized with 12,000 gallons 15% mud acid.

# 2 STAGE CEMENTING DATA Gov't. Vernal 42-30-G

DV 2 stage tool at 6484'.

Total depth 9000'.

7" casing cemented at 8999' in 8-3/4" hole.

1st stage cemented through shoe at 8999' with 250 gallons Howco mud flush followed by 380 sacks 50/50 pozmix containing 2% Gel, 10% salt, 1-1/4% CF-R-2; 100 sacks regular cement. Full returns throughout job. Plug down at 9:30 A.M. 10-18-70, opened DV tool and circulated 3 hours, waited 5 hours for initial set on 1st stage, circulated 15 minutes with full returns cemented 2nd stage through DV tool with 250 gallons mud flush followed by 380 sacks 50/50 pozmix containing 2% gel, 10% salt, 1-1/4% CF-R-2. Had full returns. Plug down 6:15 P.M. 10-18-70. Closed DV tool. Pressure tested to 2500#, held OK. Nippled up.

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GOV'T. VERNAL #F42-30G 11,500' Wasatch SE NE 30-6S-20E Uintah Co., Utah Mcbil 100% 9-5/8" @ 899' 7" @ 8999' 5" Liner 8644-11,949'	3-20	TD 11,950' PBTD 11,905'. Dowell treated Wasatch pfs 10,315-11,134' w/12000 gals 15% acid (mud) treated w/2 gals W-27, IGLF-40 12 gals A1-30 2½ gals J-120/1,000 gals + 500 ball sealers. Flush acid w/60 BDO. Mx TP 7100 psi, mn TP 6400 psi, ATP 6800 psi, FTP 6900 psi. AIR 8 BPM. ISIP 3000 psi, 15" 2800 psi, no ball action indicated on surface. Total load 356
Spudded: 8-28-70		B. →Open well to stock tanks. F 33 BDO/1
	3-21	hr. Turn well to pits & flowed 27 BDO + 53 BAW/2½ hrs. Well died. Swbd 70 BAW to pits. FL 5400'86-173 BL. SWI. 12 hr SIP 975#, opened well to pits, F 35 BAW & died138 BLW. Pumped in 40 BW, POH
	3-22	<pre>w/tbg &amp; pkr. Ran in Baker Model "R" pkr &amp; kobe csg free pump w/stdg valve in place. Drifted tbg in hole. Landed long string in tbg hanger w/pkr @ 10,087'. SWI. 12 hr SIP 200# tbg, csg 200#. Pumped 20 BSW</pre>
•	3-22	down the Milled wall. Sat Daker Madel "N" pkr on long string @ 10,0/6' in compression (w/9,000#). Landed long string in the Hanger.
		Ran short string w/Kobe stinger, stab into Kobe x-over ass @ 5669' w/7000# compression. Landed short string in tbg Head, installed x-mas tree, press tested tbg strings to 1500 psi; OK. Circ & disp 380± BA & LW w/hot power
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	oil. Circ & clean up well bore. Dropped Kobe pump @ 4:30 AM, 3/22/71. TD 11,950' PBTD 11.905' Kobe pump on btm &
	3-23	prod 12 BOPH, next 6 hrs 7 BOPH, next 13 hrs avg 3 BPH. Total oil recd 114 BO (avg 5.2 BPH) in 21 hrs.
	3-24	TD 11,950' PBTD 11,905'. Cont. pumping test. Pumped 31.62 BNO/24 hrs. No fluid entry last 4 hrs.
	3-25	TD 11,950' PBTD 11,905'. SI 12 hrs, pumped 34 BNO/12 hrs. Running Kobe pump 12 hr/day.
·	3-26	TD 11,950' PBTD 11,905'. SI 12 hrs. Attempted to pump well 12 hrs, Kobe pump failed to operate properly. SWI,over weekend for buildup. Will open Monday A.M.
	3-27	TD 11,950' PBTD 11,905'. P 35 BNO/11½ hrs. SI for 48 hr FL buildup.
	3-29	Checked FL, FL @ 2000'. Started pump in 15". FL 2800'.
	3-30 Time	TD 11,950' PBTD 11,905'. P 90.75 BNO/23 hrs. Rate/hr as follows:
	8:30 9:30 10:30 11:30 12:30	2000' 2:30 4.1 7600' 11 4800' 3:30 4.1 7600' 5.5 5950' 3:30 PM-4:30 AM 42 Unknown 5.5 6250' 5:30 AM 2.7 8175' 5.5 7000' 6:30 3 8175'
		.m. 4.1 /300° /:30 2 8175°

1...

GOV'T. VERNAL #F42-30G 11,500' Wasatch	3-31	TD 11,950' PBTD 11,905'. P 36 BNO/24 hrs. FL 9000'.
SE NE 30-6S-20E Uintah Co., Utah Mobil 100%	4-1	TD 11,950' PBTD 11,905'. P 33 BNO/24 hrs. FL 9000'.
9-5/8" @ 899' 7" @ 8999'	4-2	TD 11,950' PBTD 11,905'. P 30 BNO/24 hrs. FL 10,000'.
5" Liner 8644-11,949' Spudded: 8-28-70	4-5	TD 11,950' PBTD 11,905'. Prep to pull Kobe equipment. Sat. P 29 BNO/24 hrs.
• .	4-6	TD 11,950' PBTD 11,905'. Pumped pump out of hole, displaced power oil w/brine. Installed BOP. SION. Prep to pull short string.
	4-7	TD 11,950' PBTD 11,905'. Pulled short tbg string. Ran open ended tbg.
	4-8	TD 11,950' PBTD 11,905'. P&A. LAST REPORT

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Form	9-331
(Мау	1963)

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SUBMIT IN			"E
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verse side)			

	Form a Budget	pprove Bures	ed. iu N	o. <b>42</b> –F	142
C 13	DEGLOS	TEOTOLT	LMD	CERTAI	MO

		Budget	Burea	u N	o. 42-R	142
5.	LEASE	DESIGN.	ATION	AND	SERIAL	NO.

DEPARTMENT OF THE INTERIOR (Other instruct verse side)  GEOLOGICAL SURVEY	Budget Bureau No. 42-R1424.  5. LEASE DESIGNATION AND SERIAL NO.  U-0125576
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different rese Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
I.  OIL GAS WELL OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
	Gov't. Vernal
Mobil Oil Corporation 3. ADDRESS OF OPERATOR	9. WELL NO.
	F42-30-G
P. O. Box 1934, Oklahoma City, Oklahoma 73101  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	Wildcat
1980' South of North Line & 660' West of East Line	11. SEC., T., R., M., OR BLK. AND
Section 30-65-20E Uintah County, Utah	SURVEY OR AREA
action as a same and and and the same	C SE NE
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	Section 38565-20E 12. COUNTY OR PARISH 13. STATE
GR 5151*	Uintah Utah
SHOOT OR ACIDIZE  REPAIR WELL  (Other)  17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give per proposed work. If well is directionally drilled, give subsurface locations and measured and nent to this work.) *	eport results of multiple completion on Well n or Recompletion Report and Log form.)
To supplement verbal approval, from G. R. Daniels, U. Burchell, Utah State Engineer, to plug and abandon subbe non-commercial, plugging procedure is:  Plug No. 1 11,650-10,900' 70 sacks cement Plug No. 2 10,900-10,300' 60 sacks cement Plug No. 3 10,300-9,600' 65 sacks cement Cut off and recover 7" casing from estimated depth of Plug No. 4 4050-3950' 80 sacks cement across stub of Plug No. 5 2400-2500' 60 sacks cement Plug No. 6 950-850' 60 sacks cement Plug No. 7 100'-Surface 40 sacks cement erect regula	ject well, which was judged to 1000'±.  7" casing.  rface casing shoe at 899'.

TITLE Office Group Supervisor 

Burchell O&GCC Salt Lake City, Utah

\*See Instructions on Reverse Side

REW

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

Form	9-331
(May	1963)

# UNITATION STATES SUBMIT IN TRIPI OF THE INTERIOR (Other instructions verse side)

Form approved. Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

GEOLO	CICA	SUB	マンドン

CHANGE PLANS

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GEOLOGICAL SURVEY	0-01255/6
SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL GAS WELL OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Mobil Oil Corporation	Gov't. Vernal
3. ADDRESS OF OPERATOR	9. WELL NO.
P. U. Box 1934, Oklahoma City, Oklahoma 73101	F42-30G
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface	Wildcat
1980' South of North Line & 660' West of East Line Section 30-65-20E Uintah County, Utah	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  C SE NE
	Section 30-65-20E
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
GR. 5151'	Uintah Utah
16. Check Appropriate Box To Indicate Nature of Notice, Repo	rt, or Other Data
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TREATMENT SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZ	
SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZ	

(Other) leekly Report (3-20 to 4-8-71)

(Nors: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED SHEET.

REPAIR WELL

18. I hereby certify that the arregoing is true and correct signed PAUL K. LANGENBERG	TITLE Office Group Supervisor	DATE May 6, 1971
(This space for Federal or State office use)		
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE

Daniels USGS Salt Lake City, Utah

O&GCC Salt Lake City

lcc: E. S. Walseth \*See Instructions on Reverse Side

lcc:

Frank Fronkling: Mobel
Som Fenns a 30 6 5 6 DE Hinter - Want Perfs. 1165 to 9660'
7" t 9000' 5" lin 8658 -11950
95" C 900' T.D. 11950 P BTD 11905 (1) Coment - Contines Plug 2 1000'
11650 bre of ful to 9600 pt no lone to b pulbel - Comet. (to a 5280) 4000 Cut 7' / 100' - 50' uit 50 ont og 9000 t 5280 Cement behillering. B' 100 / 50' in \$ 50' ont y 9 3 € 6 900' (4) 100 play at supo/muker/mul.

950 to 4000 -> no topi - all Genrino.

ve skow (11 e 7000 - no suoto prhas Form 9-331 (May 1963)

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1 - File

1 - E. S. Walseth - Casper \*9 1 - G. A. Trimble (Attn: F.W.Ficklin) 1 - H. G. Brelsford - Big Pinsy

# DEPARTMENT OF THE INTERIOR

SUBMIT IN CATE (Other instructions on reverse side)

Form approved.

Budget Bureau No. 42-R1424.

DE	PARIMENT OF THE GEOLOGICAL SU		( verse side)	U-0125576	ON AND SERIAL NO.
SUNDR' (Do not use this form Use	NOTICES AND REP	ORTS ON en or plug back for such propos	WELLS to a different reservoir.	6. IF INDIAN, ALLOT	TEE OR TRIBE NAME
1.				7. UNIT AGREEMENT	NAME
WELL GAS WELL	OTHER Non-Commercia	<u>.                                    </u>	<u> </u>	8, FARM OR LEASE 1	TA BATO
2. NAME OF OPERATOR  Mobil Oil Corpor	ation			Gov't. Ver	_
3. ADDRESS OF OPERATOR				9. WELL NO.	4
P. O. Box 1934,	Oklahoma City, Oklah location clearly and in accordance	home 7310		42-30G 10. FIELD AND POOL	OR WILDCAT
See also snace 17 helow.)	uth of north line &		·	Wildcat	, on wilder
	OE Vintah County, V		AT AMBR TIME	11. SEC., T., B., M., O	
				C SE NE Sec. 30, TO	
14. PERMIT NO.	15. ELEVATIONS (Show	whether DF, RT,	gr, etc.)	12. COUNTY OR PARI	
	5151' (Nat	bural)		Vintah	Utah
16			- a(Nation Danast and	Other Date	
	heck Appropriate Box To I	naicate Natu		JINET DOID UDNT REPORT OF:	
NOTIC	or intention to:		Suband	<b>¬</b>	
TEST WATER SHUT-OFF	PULL OR ALTER CASING		WATER SHUT-OFF	REPAIRIN	
FRACTURE TREAT	MULTIPLE COMPLETE		FRACTURE TREATMENT	ALTERING ABANDONI	
SHOOT OR ACIDIZE	ABANDON*		SHOOTING OR ACIDIZING (Other)	ABANDON!	
REPAIR WELL (Other)	CHANGE PLANS		(Note: Report results	of multiple completion letion Report and Log	on on Well
	7" Csg. at 4,488' and pulling 7" casing	and starte	d pulling same		
Plug #3 Plug #4 Plug #5 Pits wi		Sks. Sks. acros Sks., ins I location	s surface casing stalled regulation cleaned up and le	shoe at 899' marker	
				en e	
				and the second of the second o	
				er a de la companya d	\$ 1
ODICINI	L SIGNED BY				
ORIGINA 18. I hereby certify that the					
PAUL N	. LANGENDERG	ITLE Office	Group Supervisor	DATE	-12-71
Paul K. L	ongenierg				
(This space for Federal or	: State office use)				
APPROVED BY		ITLE		DATE	
CONDITIONS OF APPRO					
Daniels USGS, Sel	t Lake City, Utan				· (/

\*See Instructions on Reverse Side

REW 5/7/71

FORM OGC-8-X

FILE IN QUADRUPLICATE



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

# REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & N	iumber Gov't Vernal F	42-30G		and the second section of the section	and the state of t
	1 Oil Corporation		Box 193 Address <u>Oklaho</u> m		<u>la. Phone 232-7191</u>
					•
Contractor_	Pioneer Drilling Co.	· · · · · · · · · · · · · · · · · · ·	Address <u>Casper</u> ,	Wyoming	Phone
Location	表	. 65	* R. 206 1	}	County, Utah
Water Sands:		•		·	
Dep	th	•	<u>Volume</u>		Quality
From	То	Flow	Rate or Head		Fresh or Salty
1					
2			The state of the s	· · · · · · · · · · · · · · · · · · ·	
3			and the second seco		
4					
5					
			(Continue	on revers	e side if necessary)
•					
Formation Top	Green River L. Green River Wasatch	752	08 (+ 660) E- 26 (-2358) 17 (-3249)	Log tops	

# Remarks:

NOTE:

- (a) Upon diminishing supply forms, please inform this office.
- (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See Back of form).
- (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form,

# UNITED STATES

SUBMIT IN DUPLICATE.

# DEPARTMENT OF THE INTERIOR

(See other in-structions on

Form approved. Budget Bureau No. 42-R355.5.

	DLIAN	GEOLOGIC	AL SURVEY	′	- reve	U 012557	6
WELL CO	MPLETION	OR RECO	MPLETION	REPORT	AND LO	G* 6. IF INDIAN,	ALLOTTEE OR TRIBE NAM
1a. TYPE OF WE	LL: 01	L GAS		Ace	-commerc		MENT NAME
b. TYPE OF CO		ELL LE WELL		Other			
NEW [	WORK DE	CEP- PLUG	DIFF. RESVR.	Other Plus	ged & Abi	endoned. FARM OR LE	ASE NAME
WELL L	OVER L. EN	N L BACK	L KESYE. L	Other		Gov't. V	erna 1
	Corporati	ion				9. WELL NO.	
3. ADDRESS OF OP					<del></del>	F42-31	)-G
P. O. 80	( 1934, Ok)	ahoma City	. Oklahoma	73101		10. FIELD AND	POOL, OR WILDCAT
			accordance with a	y State requi	ements)*	Mildcat .	- Vasatch
				rest of a	TARE FINE		M., OR BLOCK AND SURVE
	iterval reported h	Jintah Coun Delow	Cy, com			C SE'ME	
						and the second second	
At total depth							10-63-20E
en de la companya de La companya de la co			14. PERMIT NO		DATE ISSUED	12. COUNTY OR PARISH	
			Utah OMGC		8-19-70	UIntah	Utah 19. ELEV. CASINGHEAD
15. DATE SPUDDED 8-28-70	16. DATE T.D.		TE COOPL.			bura 1 )	10: ELEV. CASINGHEAD
	1	UG, BACK T.D., MD &	mm 1 99 to Mill	LTIPLE COMPL.			CABLE TOOLS
20. TOTAL DEPTH, MI 11,950*	21. PL	11.905°	How h			0-11,950'	
	ERVAL(S) OF THE		P, BOTTOM, NAME (	MD AND TVD)*	<u> </u>	<del>-&gt;</del> ,   • • • • • • • • • • • • • • • • • •	25. WAS DIRECTIONAL
ZX. IRODUCING INI.	BEVED(5), OF 122.		*, ==== ;				SURVEY MADE
			有点的 经金额	. 3			No.
26. TYPE ELECTRIC	AND OTHER LOGS	RUN				] 2	7. WAS WELL CORED
IES. Q/R	Caliner Se	onic. Seism	ic Velocity	Logs			No
28.			ING RECORD (Re		s set in well)		
CASING SIZE	WEIGHT, LB	./FT. DEPTH S		OLE SIZE	CE	MENTING RECORD	AMOUNT PULLED
9-5/8"			899' 1	2-1/4°	450 saci	t <b>s</b>	None
7"		8	999*	3-3/4"	860 sac	1.5	4488*
7							
		8 P   1 P					
29.		LINER RECORI	)		30.	TUBING RECOR	<b>D</b> .
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (M	D) SIZE	DEPTH SET (MD)	PACKER SET (MD)
5*	8644'	11,949	950	****			
			1	1			
31. PERFORATION R		size and number)		32.		, FRACTURE, CEMENT	
See Atta	ched				PERVAL (MD)	AMOUNT AND KIND	OF MATERIAL USED
				See Att	ached		
			DD.C	DECEMBER			
33.* DATE FIRST PRODUC	TION   PRO	DUCTION METHOD (	Flowing, gas lift, p	DUCTION numping—size	and type of pu	mp)   WELL ST	ATUS (Producing or
		•	,,,,,			8hut-i	n)
DATE OF TEST	HOURS TESTER	CHOKE SIZE	PROD'N. FOR	OIL—BBL.	GAS-M	CF. WATER—BBL.	GAS-OIL RATIO
			TEST PERIOD				
FLOW. TUBING PRESS	CASING PRESSI	URE   CALCULATED	OIL—BBL.	GAS-	MCF.	WATER—BBL. 0	IL GRAVITY-API (CORR.)
		24-HOUR RA		1	1904 I		
34. DISPOSITION OF	GAS (Sold, used for	or fuel, vented, etc.	)	d		TEST WITHESSI	D BY
3 7 2							
35. LIST OF ATTAC	HMENTS						
DET Date	9 Stame C	'amantina D	ata, Perfer	tion t	martine !	laenrie	
36. I hereby contil	v that the forego	ing and attached	information is com	plete and corr	ect as determin	ed from all available rec	ords
OUI	א שלוים בידוקוקרו ב	(1) - Marie (1) - Marie (1)					The second secon
	JL K LANG		<b>A</b> 4	564 P	up Super	ed from all available rec	May 24, 1971

Daniels. USGS Salt(Scalestiftens and Spaces for Additional Data on Reverse Side)
OSGCC Salt Lake City
100: H. G. Breitsford 2cc: E. S. Welseth lec:

Paul K. La

lcc: file -

REW